

07/24/01
JC970 U.S. PTO

07-25-01

Box 59/A
EL475127479US

Please type a plus sign (+) inside this box → ☒

PTO/SB/05 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|------------------------|---|
| Attorney Docket No. | A070 US |
| First Inventor | Browning |
| Title | BAFF, Inhibitors Thereof and Their Use... |
| Express Mail Label No. | EL475127479US |

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☐ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages 50]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 31]
- Oath or Declaration [Total Pages]
 - ☐ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☒ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☒ paper
 - ☒ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

| | | | |
|---|-------------------------------------|---|---------------------------|
| <input type="checkbox"/> Continuation | <input type="checkbox"/> Divisional | <input type="checkbox"/> Continuation-in-part (CIP) | of prior application No.: |
| Prior application information: Examiner | | | Group Art Unit: |

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

| | | | |
|--|---|-----------|---|
| <input type="checkbox"/> Customer Number or Bar Code Label | (Insert Customer No. or Attach bar code label here) | or | <input type="checkbox"/> Correspondence address below |
| Name | Timothy P. Linkkila | | |
| Address | BIOGEN, INC. 14 Cambridge Center | | |
| City | Cambridge | State | MA |
| Zip Code | 02142 | Telephone | (617) 679-3795 |
| Country | USA | Fax | (617) 679-2838 |

| | | | |
|-------------------|---------------------|-----------------------------------|---------|
| Name (Print/Type) | Timothy P. Linkkila | Registration No. (Attorney/Agent) | 40,702 |
| Signature | Timothy P. Linkkila | Date | 7/24/01 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 3,280

Complete if Known

| | |
|----------------------|------------------|
| Application Number | not assigned yet |
| Filing Date | |
| First Named Inventor | Browning |
| Examiner Name | |
| Group Art Unit | |
| Attorney Docket No. | A070 US |

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 02-2327
Deposit Account Name: BIOGEN, INC.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Code (\$) | Small Entity Code (\$) | Fee Description | Fee Paid |
|---------------------------|---------------------------|------------------------|-----------|
| 101 710 | 201 355 | Utility filing fee | 710 |
| 106 320 | 206 160 | Design filing fee | |
| 107 490 | 207 245 | Plant filing fee | |
| 108 710 | 208 355 | Reissue filing fee | |
| 114 150 | 214 75 | Provisional filing fee | |
| SUBTOTAL (1) | | | (\$) 710 |

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 50 | -20** = 30 | 18 | 540 |
| 25 | -3** = 22 | 80 | 1,760 |
| Multiple Dependent | | 270 | 270 |

| Large Entity Code (\$) | Small Entity Code (\$) | Fee Description |
|---------------------------|---------------------------|--|
| 103 18 | 203 9 | Claims in excess of 20 |
| 102 80 | 202 40 | Independent claims in excess of 3 |
| 104 270 | 204 135 | Multiple dependent claim, if not paid |
| 109 80 | 209 40 | ** Reissue independent claims over original patent |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 2,570

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Code (\$) | Small Entity Code (\$) | Fee Description | Fee Paid |
|---------------------------|---------------------------|--|----------|
| 105 130 | 205 65 | Surcharge - late filing fee or oath | |
| 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 130 | 139 130 | Non-English specification | |
| 147 2,520 | 147 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | |
| 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | |
| 115 110 | 215 55 | Extension for reply within first month | |
| 116 390 | 216 195 | Extension for reply within second month | |
| 117 890 | 217 445 | Extension for reply within third month | |
| 118 1,390 | 218 695 | Extension for reply within fourth month | |
| 128 1,890 | 228 945 | Extension for reply within fifth month | |
| 119 310 | 219 155 | Notice of Appeal | |
| 120 310 | 220 155 | Filing a brief in support of an appeal | |
| 121 270 | 221 135 | Request for oral hearing | |
| 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | |
| 140 110 | 240 55 | Petition to revive - unavoidable | |
| 141 1,240 | 241 620 | Petition to revive - unintentional | |
| 142 1,240 | 242 620 | Utility issue fee (or reissue) | |
| 143 440 | 243 220 | Design issue fee | |
| 144 600 | 244 300 | Plant issue fee | |
| 122 130 | 122 130 | Petitions to the Commissioner | |
| 123 50 | 123 50 | Petitions related to provisional applications | |
| 126 240 | 126 240 | Submission of Information Disclosure Stmt | |
| 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | |
| 146 710 | 246 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 710 | 249 355 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 710 | 279 355 | Request for Continued Examination (RCE) | |
| 169 900 | 169 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0

SUBMITTED BY

| | | | | | |
|-------------------|----------------------------|-----------------------------------|---------|-----------|----------------|
| Name (Print/Type) | Timothy P. Linkkila | Registration No. (Attorney/Agent) | 40,702 | Telephone | (617) 679-3795 |
| Signature | <i>Timothy P. Linkkila</i> | Date | 7/24/01 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Docket No. A070US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Biogen, Inc., et al.
Serial No.: Not assigned yet
Filing Date: Herewith
For: BAFF, Inhibitors Thereof and Their Use in the Modulation of B-Cell Response

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence is being deposited with the United States Post Office via Express Mail Label EL475127479US addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231 on the date shown below.

Date: July 24, 2001 Signature: Patricia Hofstetter
Patricia Hofstetter

STATEMENT REGARDING SEQUENCE LISTING

Applicant hereby submits a diskette containing a machine-readable copy of the Sequence Listing done in FastSEQ 4.0.

The contents of the paper and computer readable copies are the same and, include no new matter, as required by 37 C.F.R. 1.821 (e). The sequences on the diskette and on the paper listing are identical to the sequences submitted in the application as filed.

Please charge our deposit account 02-2327 for any deficiencies.

Respectfully submitted,

Date: 7/24/01

Timothy P. Linkkala
Timothy P. Linkkala
Reg. No. 40,702
BIOGEN, INC.
14 Cambridge Center
Cambridge, MA 02142
(617) 679-3795

F04240" 22 FTF650

Applicant: Biogen, Inc., et al.
Serial No.: Not assigned yet
Filing Date: Herewith
For: BAFF, Inhibitors Thereof and Their Use in the Modulation of B-Cell Response

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence (Utility Application Transmittal, Fee Transmittal (in duplicate), Utility Application including 40 pages of specification, 9 pages of claims, 1 page of Abstract and 31 sheets of drawings, Sequence listing statement, paper copy of sequence listing, sequence listing on diskette) are being deposited with the United States Postal Service under 37 CFR 1.10 as Express Mail Label No. EL475127479US in an envelope addressed to:

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

on

July 24, 2007
Date

Patricia Hofstetter
Patricia Hofstetter

099177-072401
099177-072401